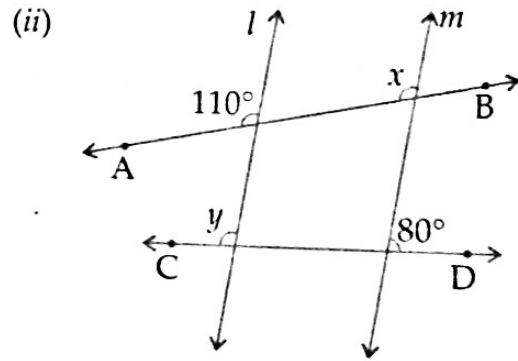$50°$

L   M   S

Q
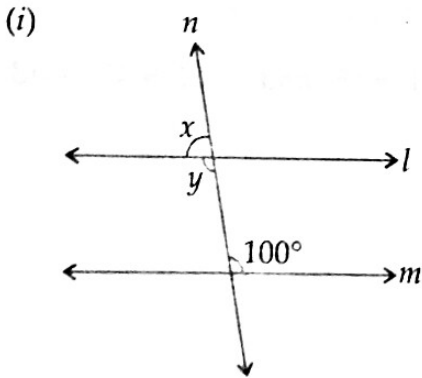
9. In each of the following figures, $l \parallel m$, find the values of x and y.

(i)

n

x

y

l

$100°$

m

(ii)

l m

$110°$ x B

A

y

C $80°$ D

10. In the given figure, $l \parallel m$, find the unknown angles.

l m

$65°$ e

g f a b

d c
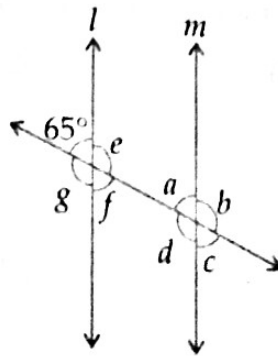
11. Using the given figure, name the following angles :
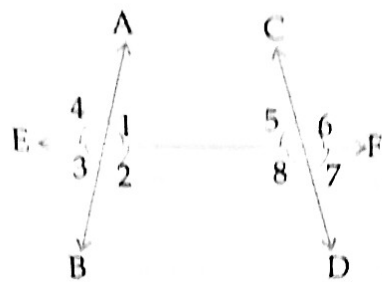
(i) Corresponding angles
(ii) Alternate interior angles
(iii) Alternate angle of $\angle 2$
(iv) Angle corresponding to $\angle 7$
(v) Pairs of interior angles on the same side of the transversal.

12. In the given figure AB ∥ CE and DF ∥ CB, find the values of x and y.
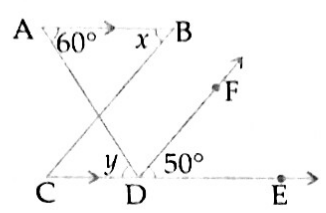
13. In the following figures, a transversal n cuts two lines l and m.

(i)

(ii)